Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014196.D
Acq On : 08 Feb 2018 16:59
Operator : SJ/JU
Sample : J1455-8
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 09 04:07:42 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	95018	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	429765	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	356083	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	741307	20.00	ng		0.00
75) Chrysene-d12	21.16	240	614504	20.00	ng		0.00
86) Perylene-d12	23.34	264	507068	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	362708	66.53	ng		0.00
7) Phenol-d6	6.73	99	288256	37.33	ng		0.00
23) Nitrobenzene-d5	8.70	82	1003656	104.31	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	677020	133.99	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	2453641	86.02	ng		0.00
78) Terphenyl-d14	19.60	244	3506951	111.51	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	7.86	79	20690	2.89	ng	#	51
18) Hexachloroethane	8.63	117	73242	21.78	ng	#	1
22) Acetophenone	8.33	105	61164	4.95	ng	#	58
24) Nitrobenzene	8.70	77	33319	3.36	ng	#	11
31) Naphthalene	10.36	128	61436	2.61	ng	#	66
32) Benzoic acid	9.71	122	118	6.21	ng	#	1
37) 2-Methylnaphthalene	11.99	142	39463	2.23	ng	#	84
49) Dimethylphthalate	13.67	163	70586	2.21	ng	#	95
51) Acenaphthene	14.26	154	68453	2.89	ng		98
53) 2,4-Dinitrophenol	14.38	184	140	7.71	ng	#	1
54) Dibenzofuran	14.60	168	96560	2.61	ng	#	76
55) 4-Nitrophenol	14.50	139	2438	6.21	ng		92
57) Fluorene	15.26	166	115029	3.54	ng		100
64) 4,6-Dinitro-2-methylphenol	15.36	198	401	5.64	ng	#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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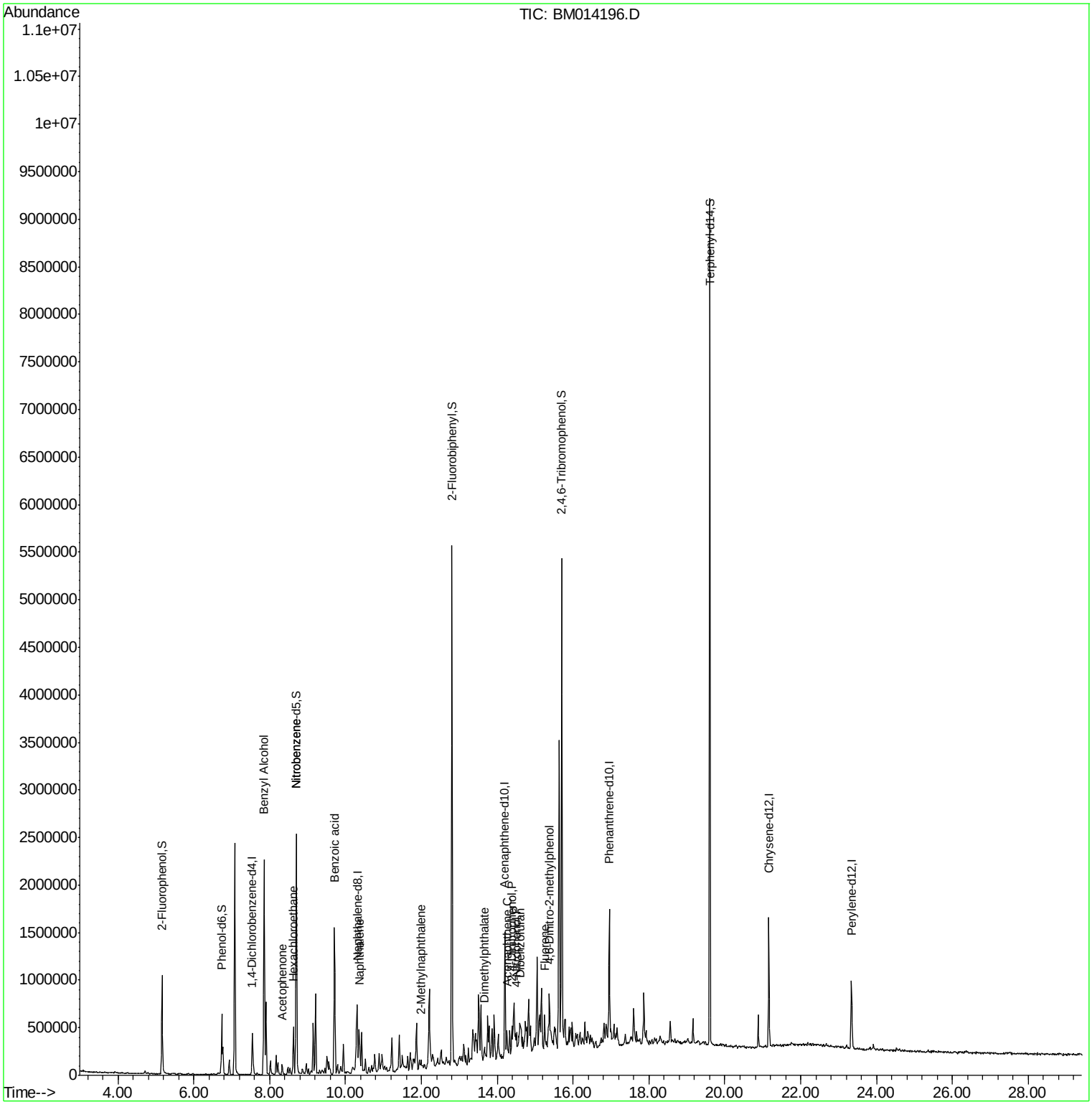
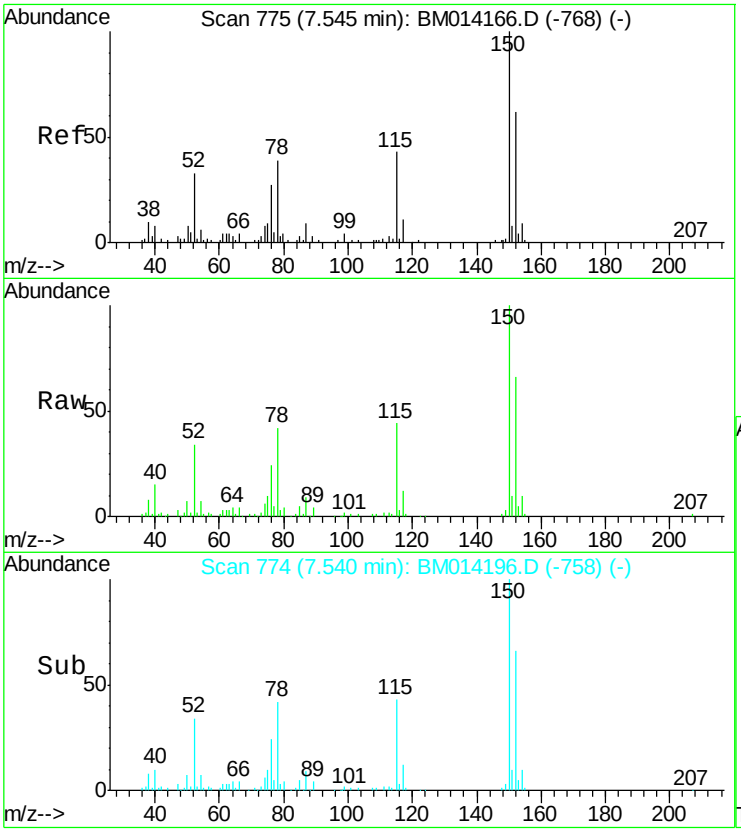


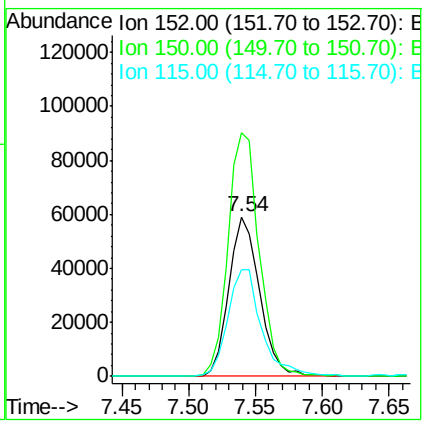


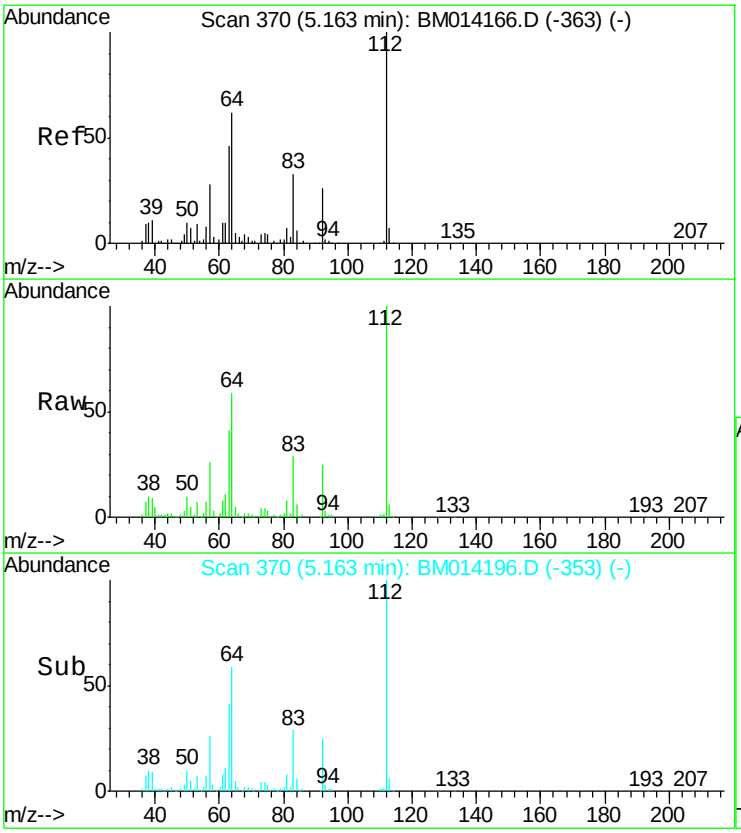
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 95018

Ion	Ratio	Lower	Upper
152	100		
150	152.5	119.5	179.3
115	66.9	43.0	64.4#

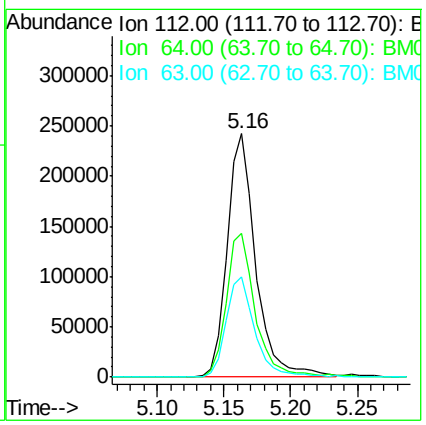


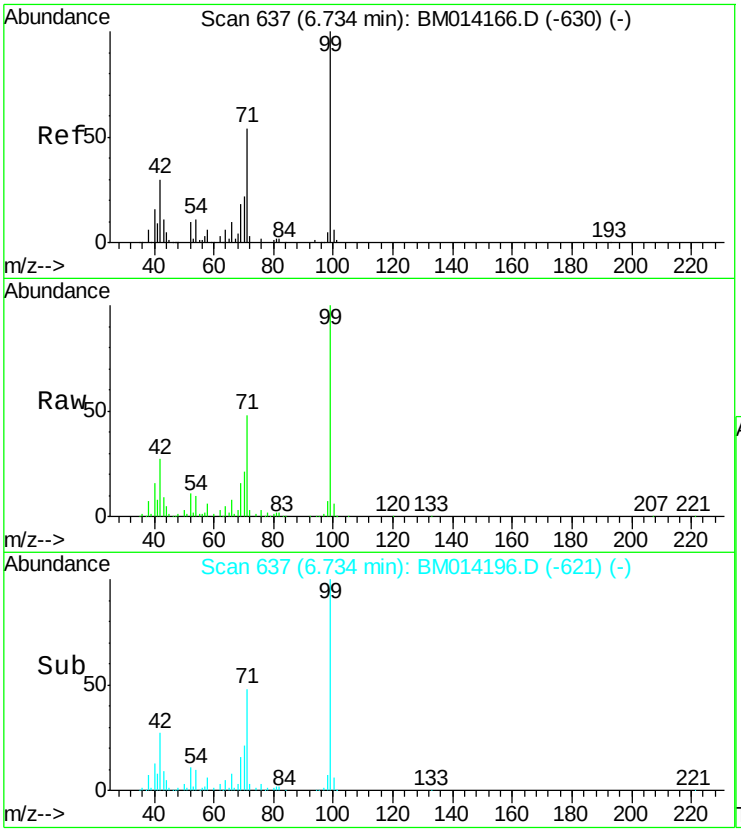


#5
2-Fluorophenol
Concen: 66.53 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion:112 Resp: 362708

Ion	Ratio	Lower	Upper
112	100		
64	59.0	38.6	57.8#
63	41.4	19.3	28.9#



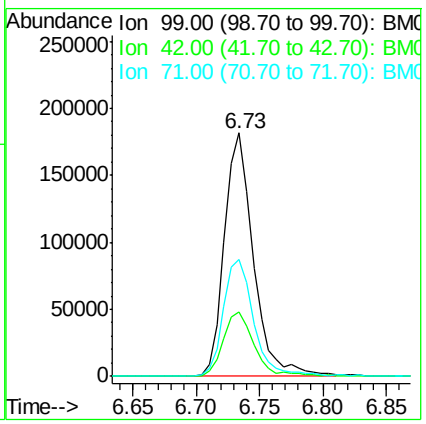


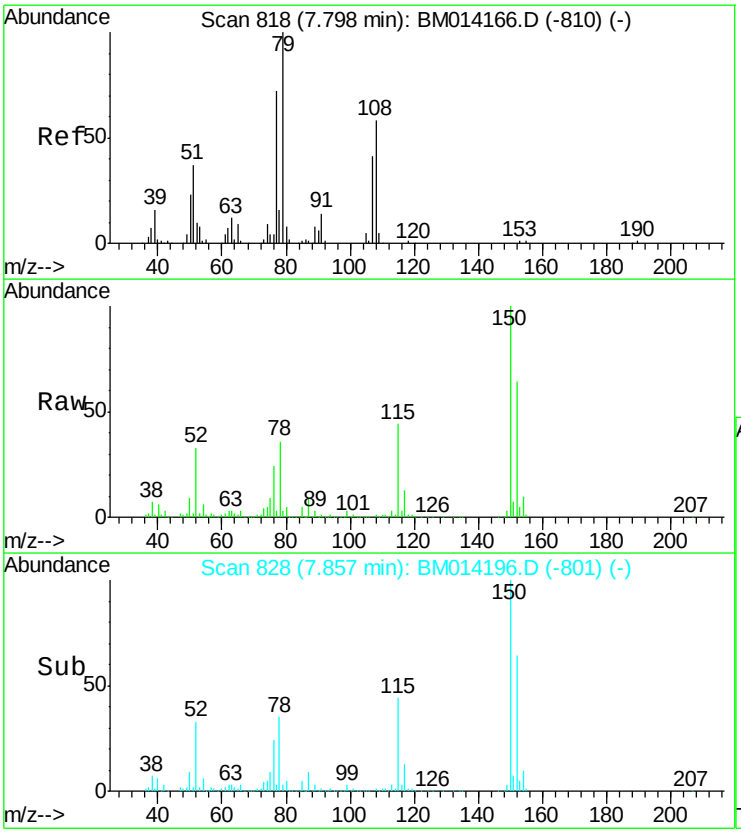
#7
Phenol-d6
Concen: 37.33 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 288256

Ion	Ratio	Lower	Upper
99	100		
42	26.6	11.0	16.4#
71	48.0	23.4	35.2#

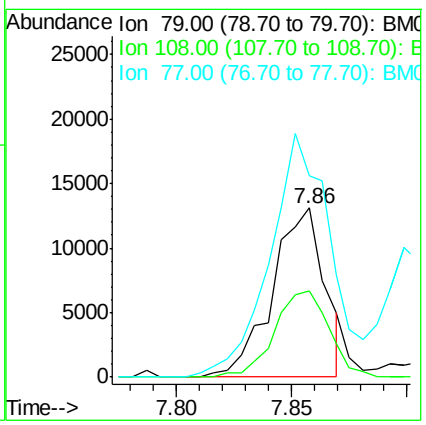


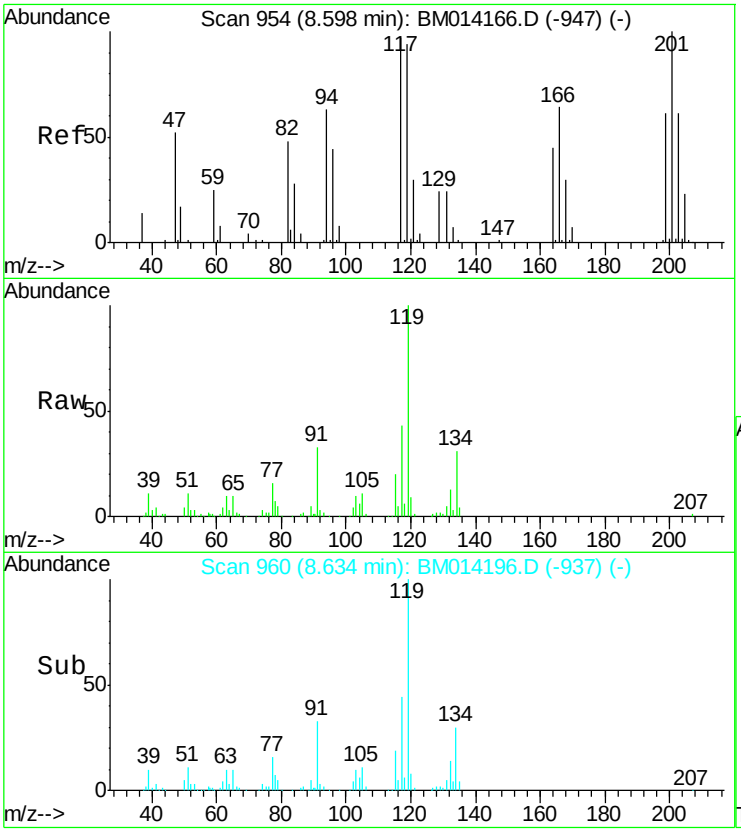


#15
Benzyl Alcohol
Concen: 2.89 ng
RT: 7.86 min Scan# 828
Delta R.T. 0.06 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion: 79 Resp: 20690

Ion	Ratio	Lower	Upper
79	100		
108	50.8	65.0	97.4#
77	119.4	53.0	79.6#



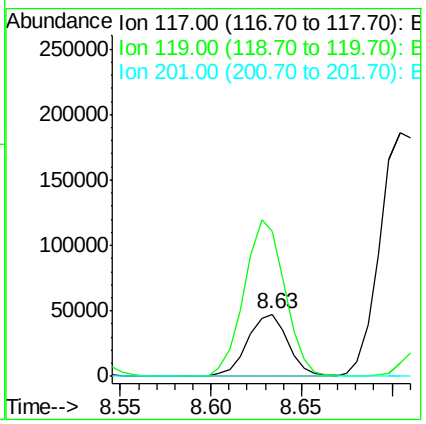


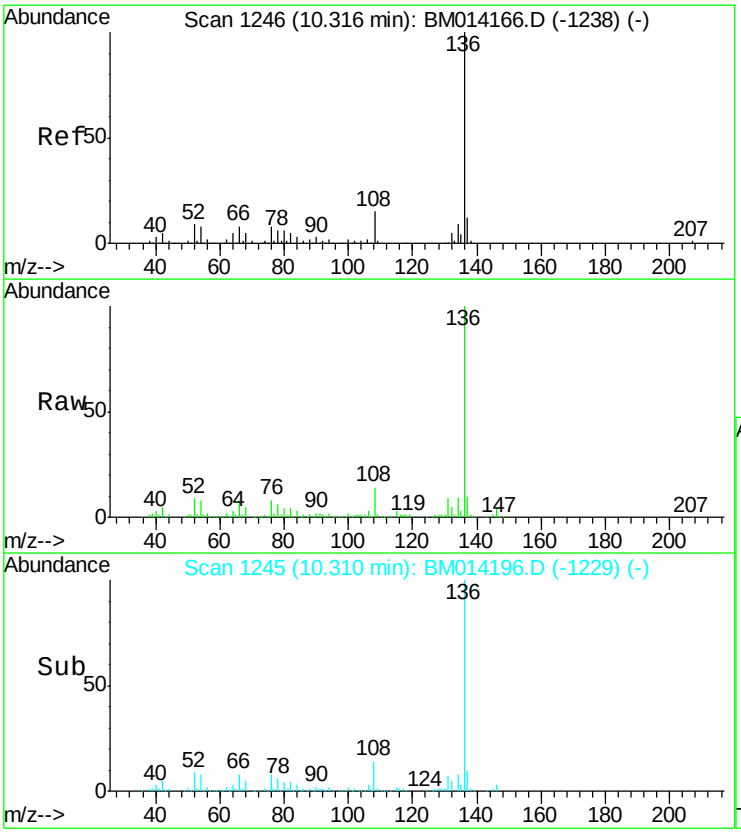
#18
Hexachloroethane
Concen: 21.78 ng
RT: 8.63 min Scan# 960
Delta R.T. 0.04 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 73242

Ion	Ratio	Lower	Upper
117	100		
119	234.3	79.2	118.8#
201	0.0	69.8	104.6#

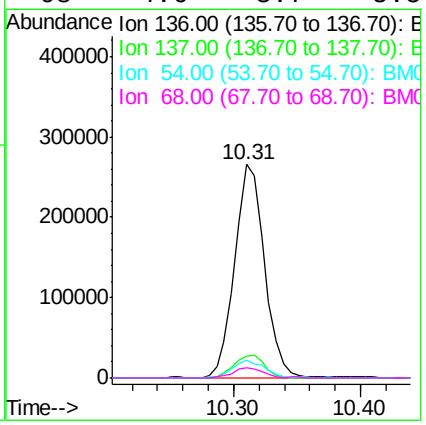


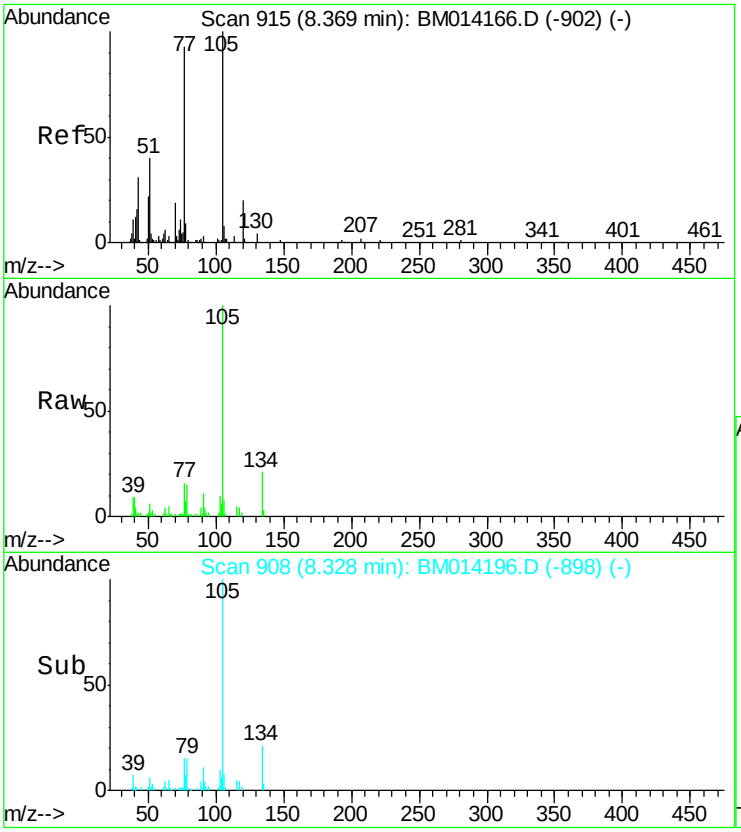


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion:136 Resp: 429765

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	8.3	4.6	6.8#
68	4.6	3.7	5.5



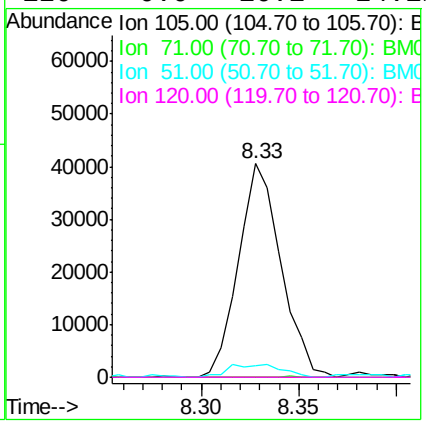


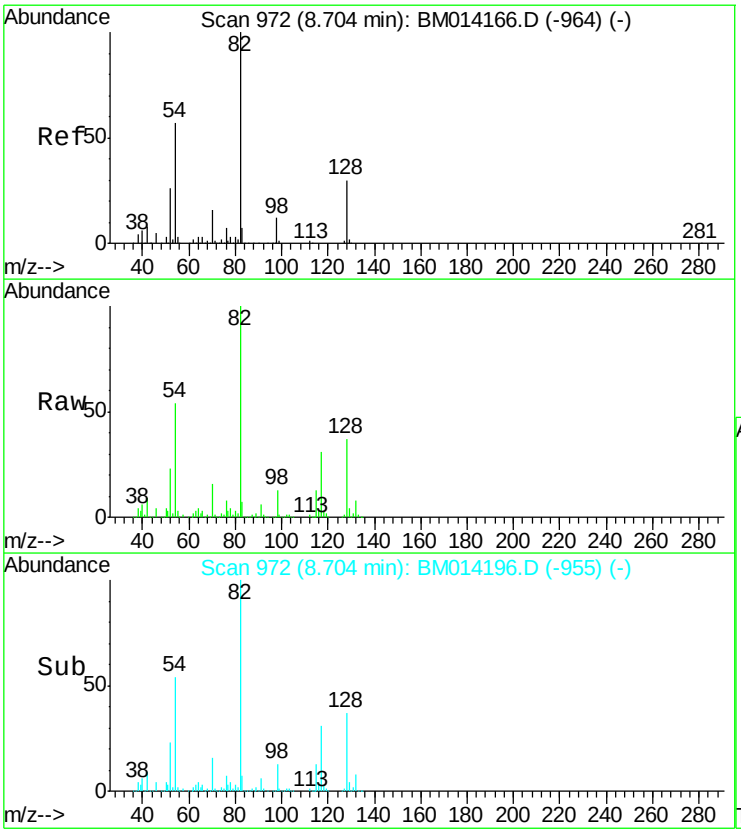
#22
Acetophenone
Concen: 4.95 ng
RT: 8.33 min Scan# 908
Delta R.T. -0.04 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 61164

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	5.6	21.6	32.4#
120	0.0	16.1	24.1#

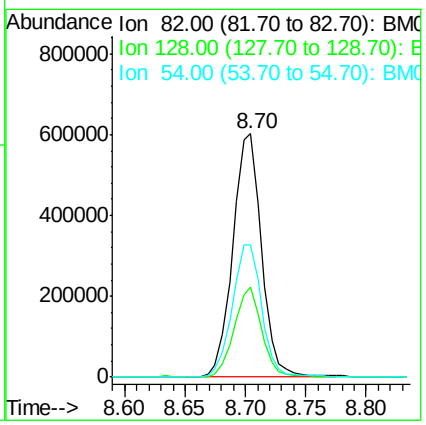


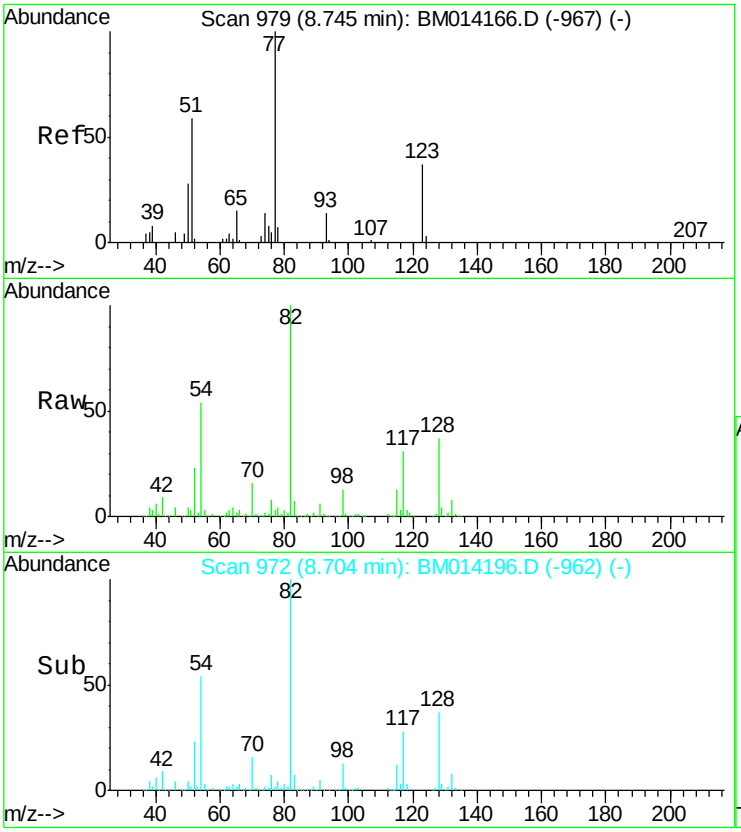


#23
Nitrobenzene-d5
Concen: 104.31 ng
RT: 8.70 min Scan# 972
Delta R.T. 0.00 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion: 82 Resp: 1003656

Ion	Ratio	Lower	Upper
82	100		
128	37.2	32.8	49.2
54	54.2	40.6	60.8



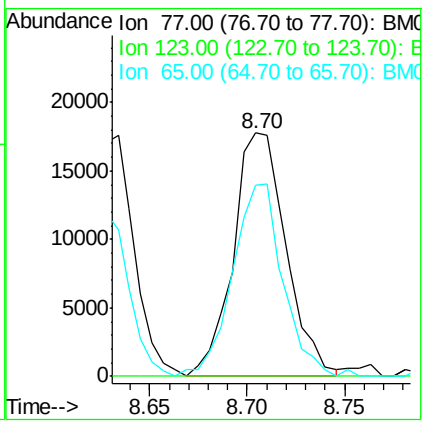


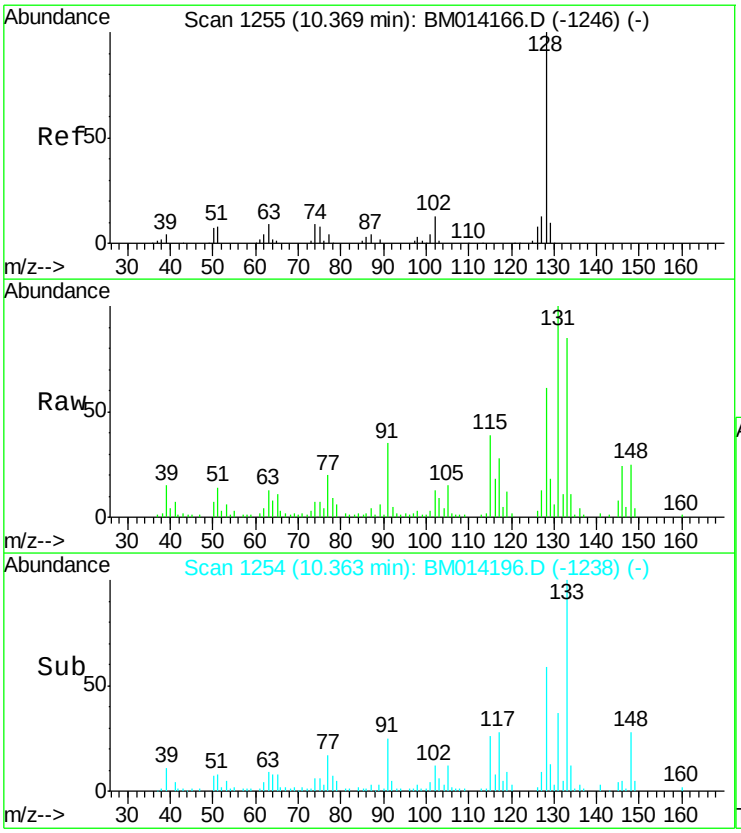
#24
Nitrobenzene
Concen: 3.36 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.04 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 33319

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	78.7	10.9	16.3#

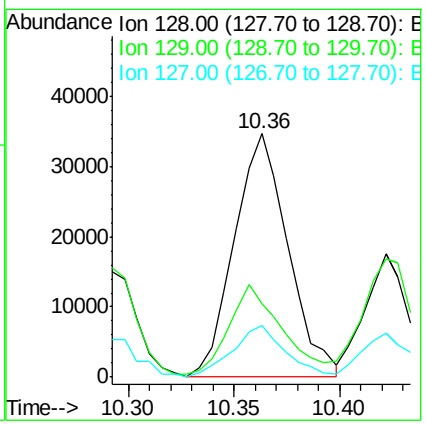


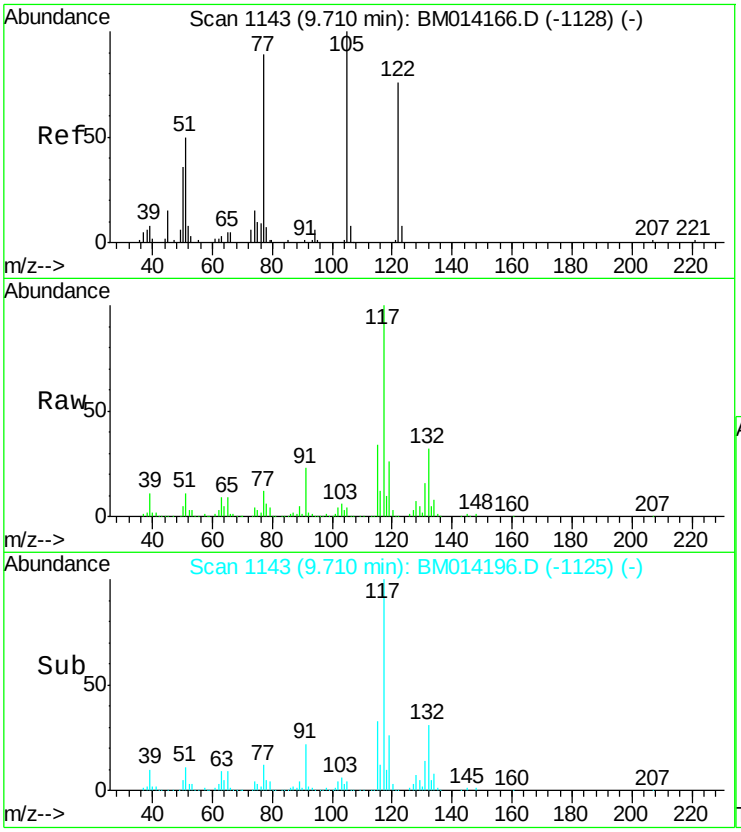


#31
Naphthalene
Concen: 2.61 ng
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion:128 Resp: 61436

Ion	Ratio	Lower	Upper
128	100		
129	30.0	8.9	13.3#
127	21.1	10.4	15.6#



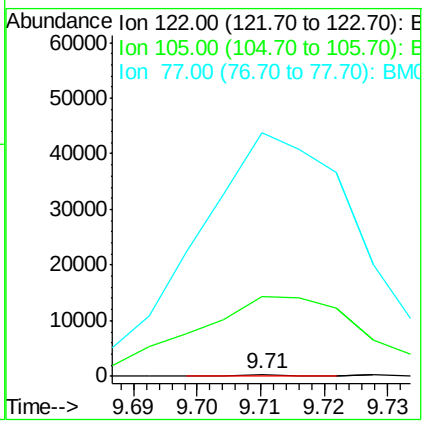


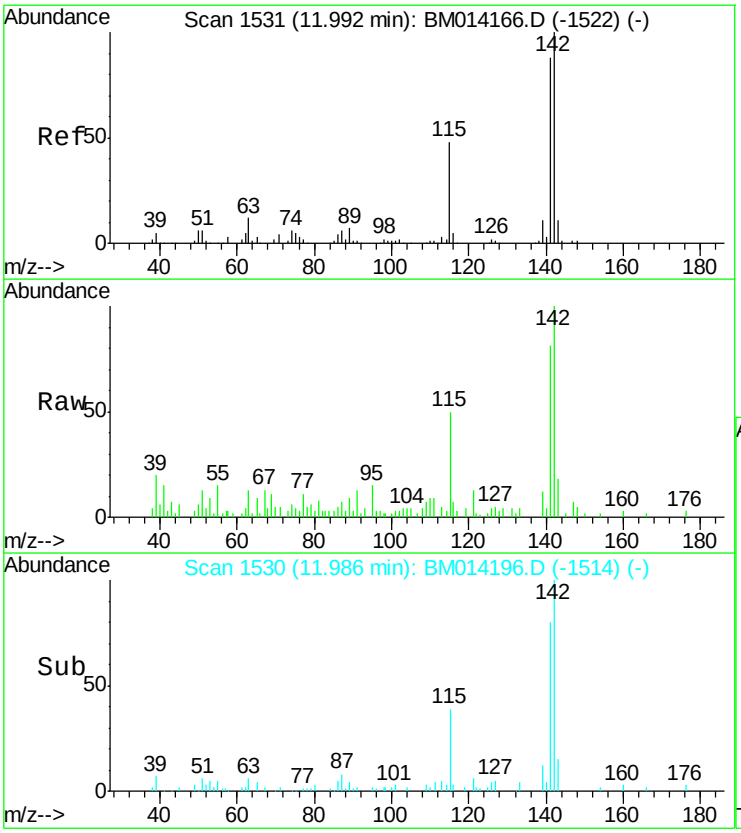
#32
Benzoic acid
Concen: 6.21 ng
RT: 9.71 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 118

Ion	Ratio	Lower	Upper
122	100		
105	4296.1	99.9	139.9#
77	13101.8	73.7	113.7#

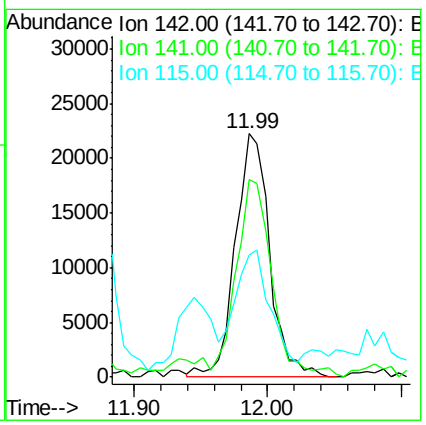


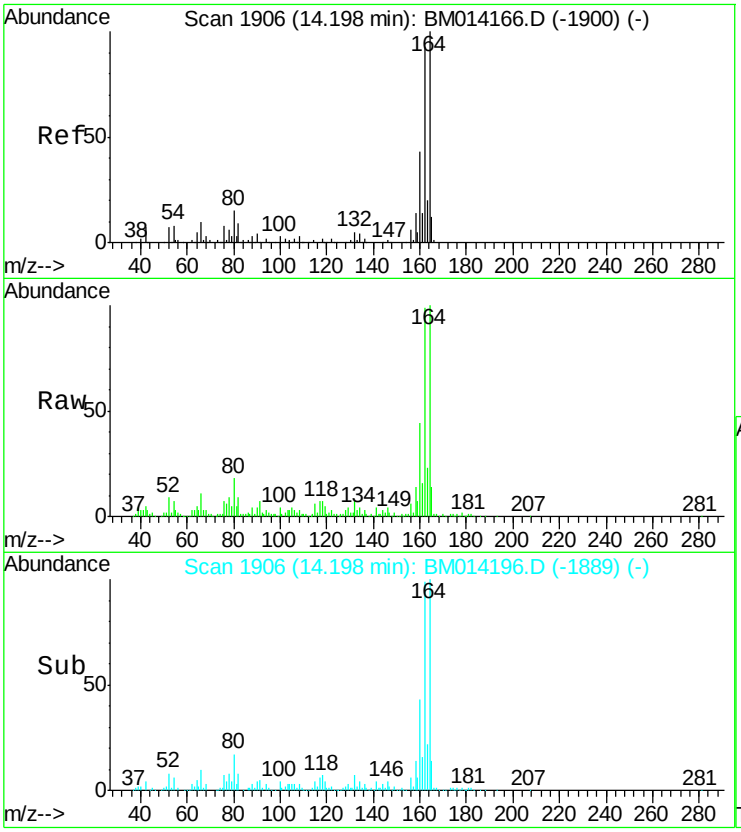


#37
2-Methylnaphthalene
Concen: 2.23 ng
RT: 11.99 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion:142 Resp: 39463

Ion	Ratio	Lower	Upper
142	100		
141	80.9	71.9	107.9
115	50.4	25.4	38.0#



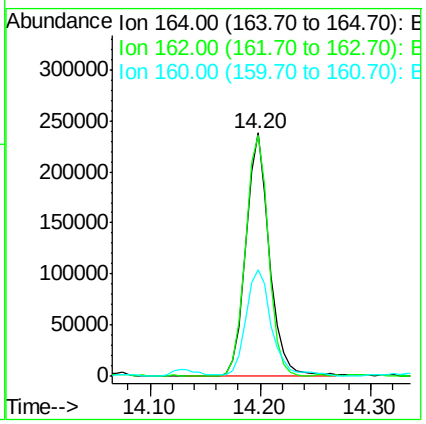


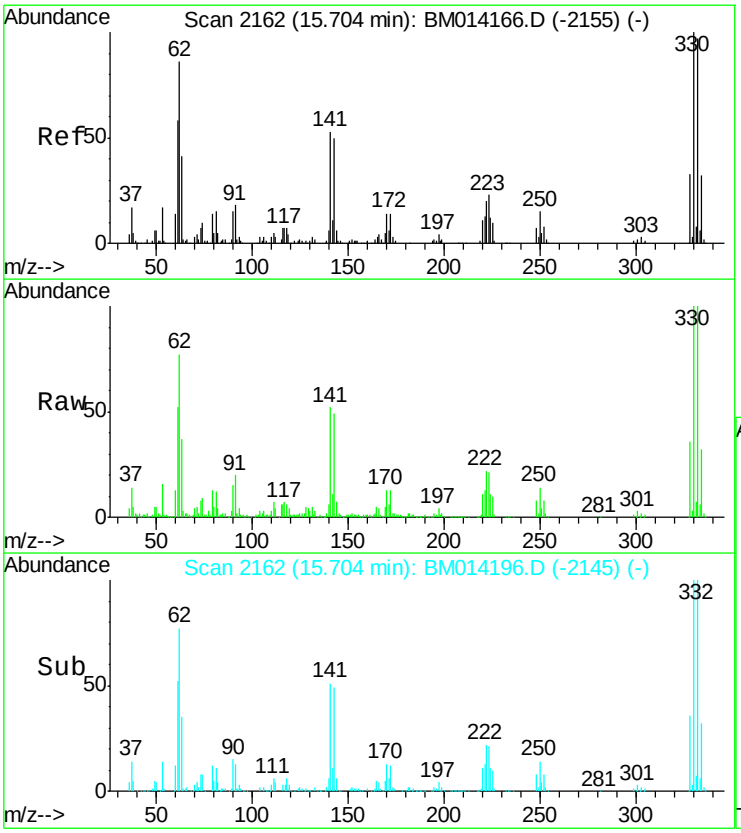
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 356083

Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.4	123.6
160	43.7	35.8	53.6

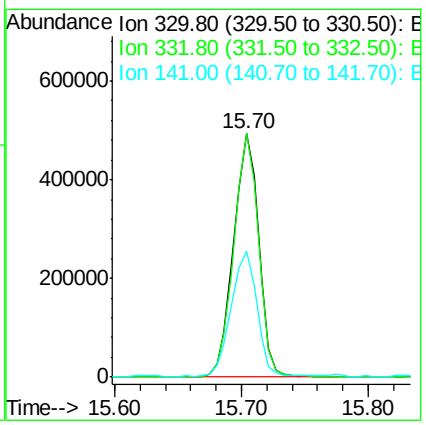


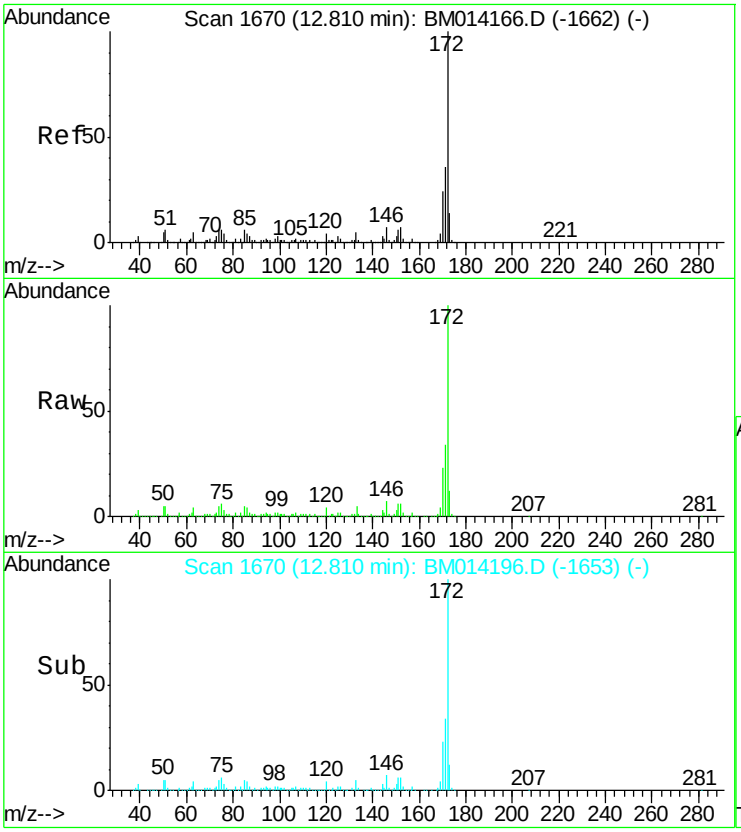


#41
2,4,6-Tribromophenol
Concen: 133.99 ng
RT: 15.70 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion:330 Resp: 677020

Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	52.1	0.0	0.0#



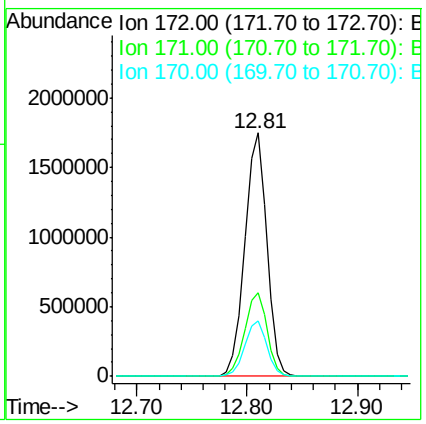


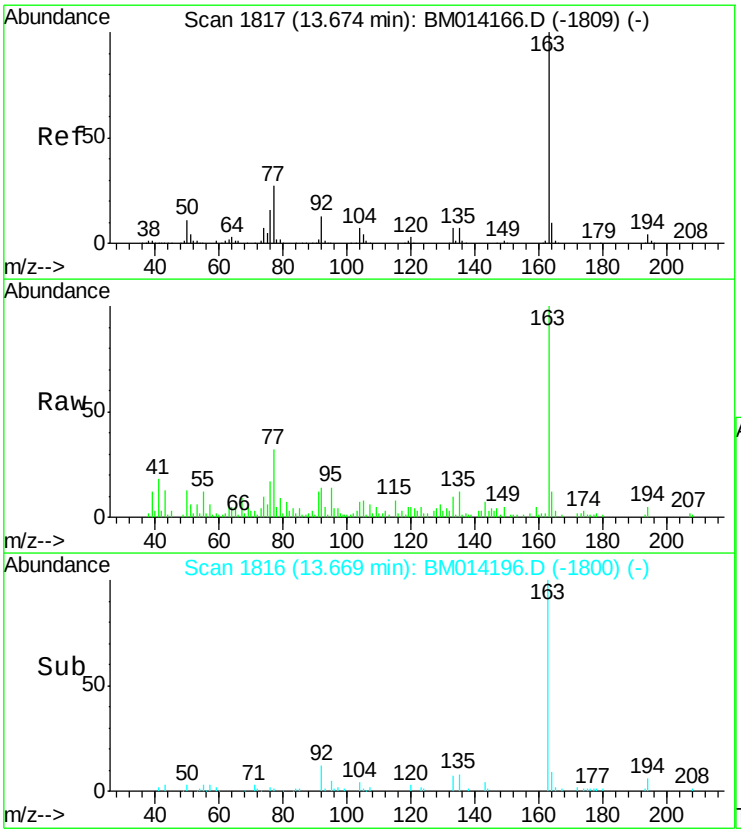
#44
2-Fluorobiphenyl
Concen: 86.02 ng
RT: 12.81 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 2453641

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	22.7	18.8	28.2

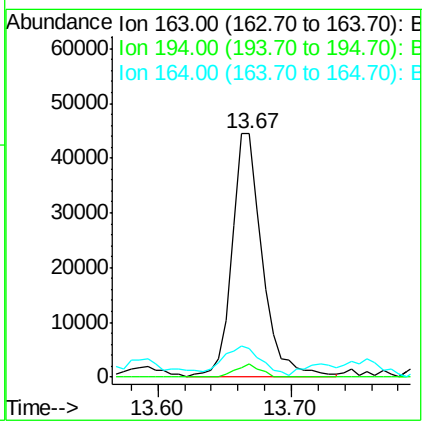


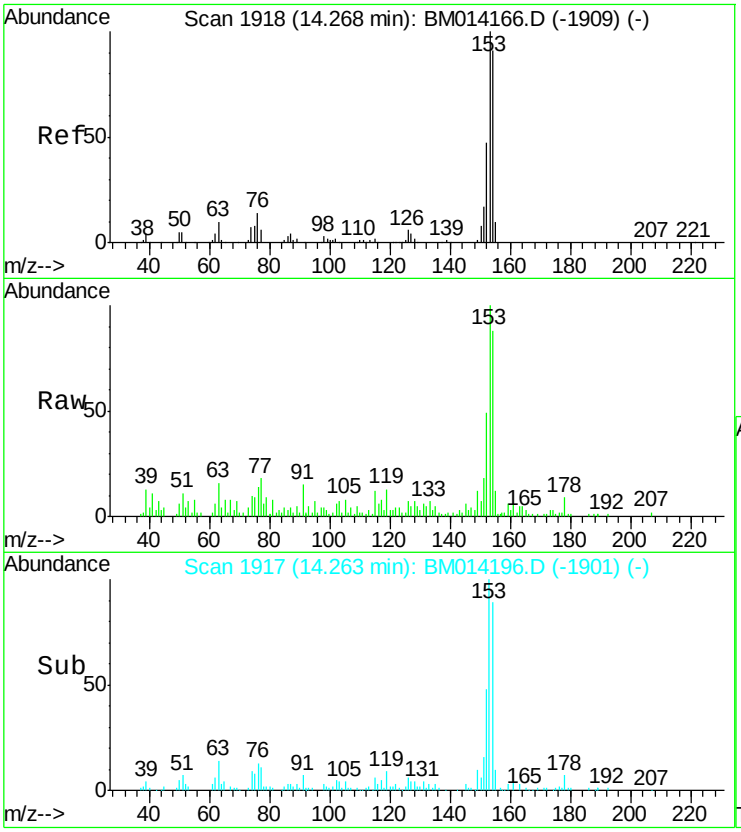


#49
Dimethylphthalate
Concen: 2.21 ng
RT: 13.67 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion:163 Resp: 70586

Ion	Ratio	Lower	Upper
163	100		
194	5.4	2.7	4.1#
164	12.0	8.2	12.2



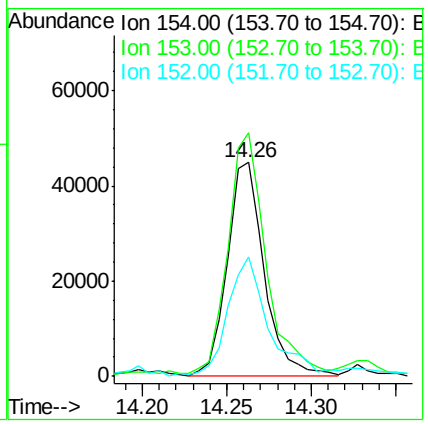


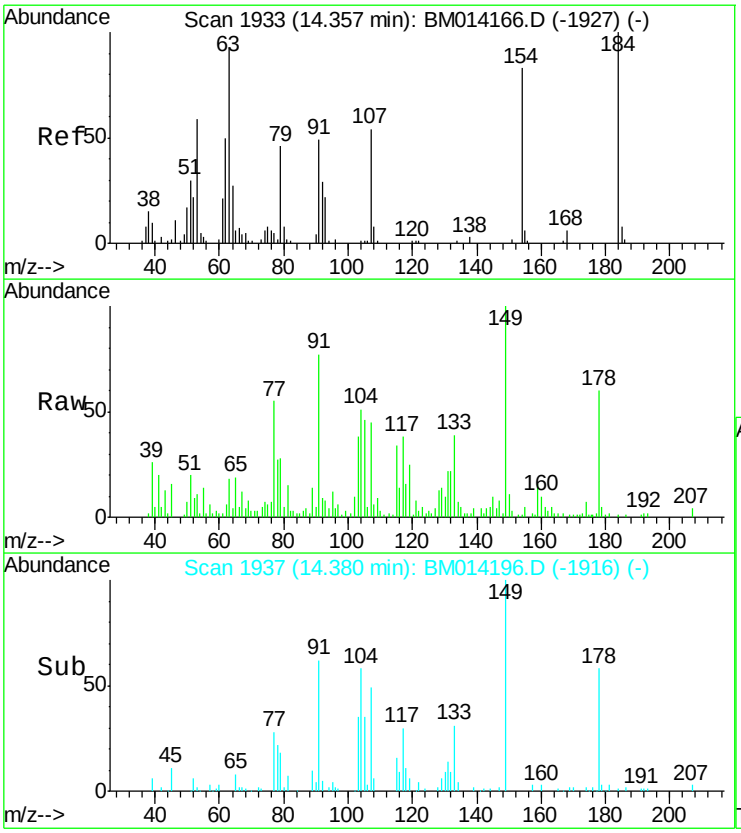
#51
Acenaphthene
Concen: 2.89 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 68453

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.0	135.0
152	55.7	42.6	63.8

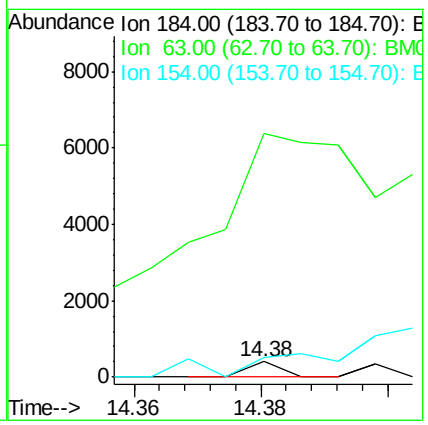


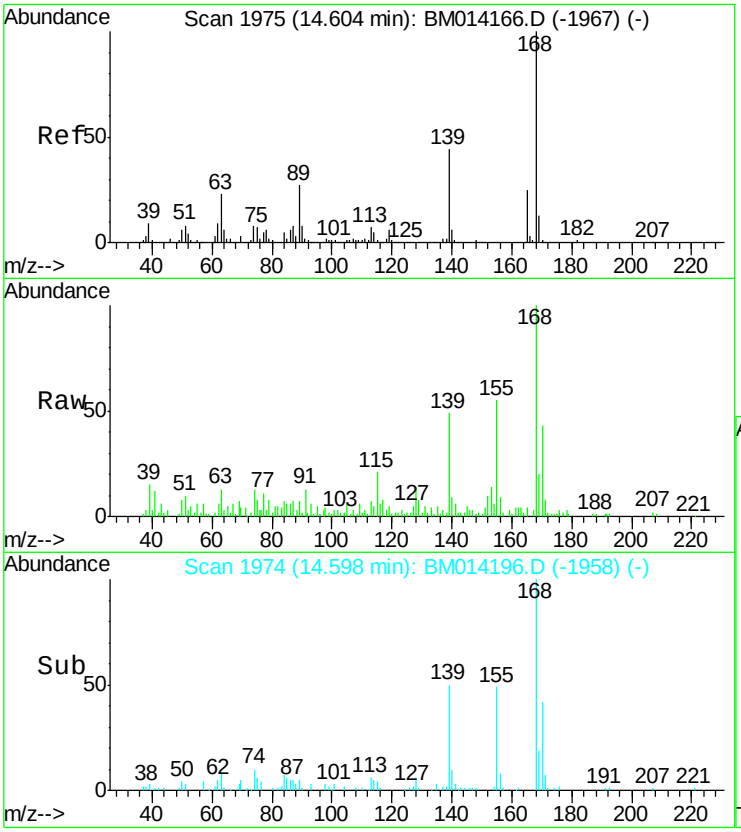


#53
2,4-Dinitrophenol
Concen: 7.71 ng
RT: 14.38 min Scan# 1937
Delta R.T. 0.02 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion:184 Resp: 140

Ion	Ratio	Lower	Upper
184	100		
63	1606.0	69.2	103.8#
154	126.2	53.3	79.9#



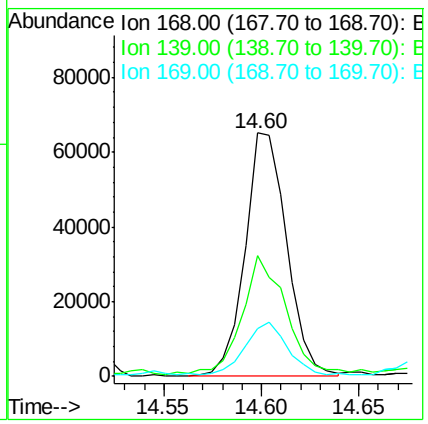


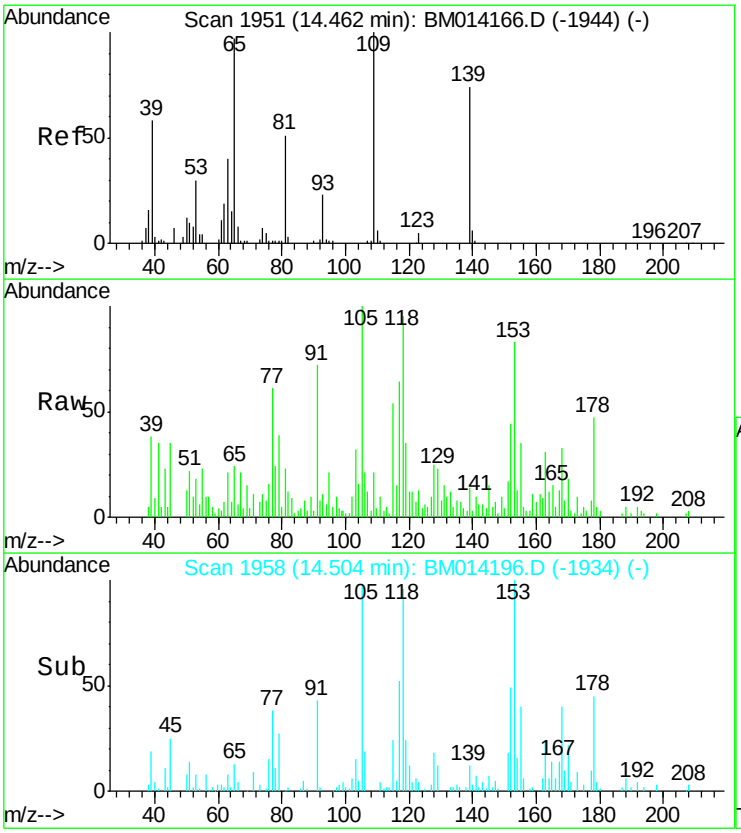
#54
Dibenzofuran
Concen: 2.61 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 96560

Ion	Ratio	Lower	Upper
168	100		
139	49.4	27.3	40.9#
169	19.6	10.6	16.0#

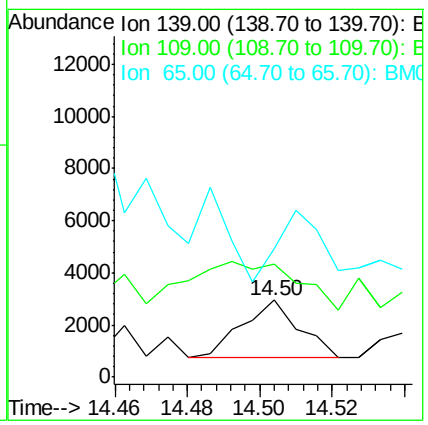


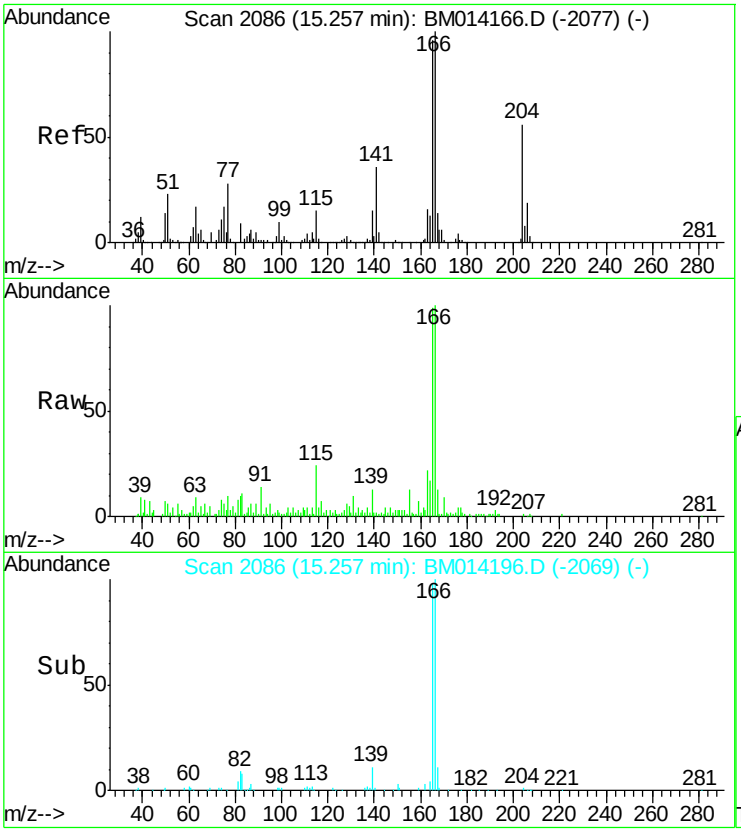


#55
4-Nitrophenol
Concen: 6.21 ng
RT: 14.50 min Scan# 1958
Delta R.T. 0.04 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion:139 Resp: 2438

Ion	Ratio	Lower	Upper
139	100		
109	147.5	130.0	170.0
65	167.2	130.0	170.0



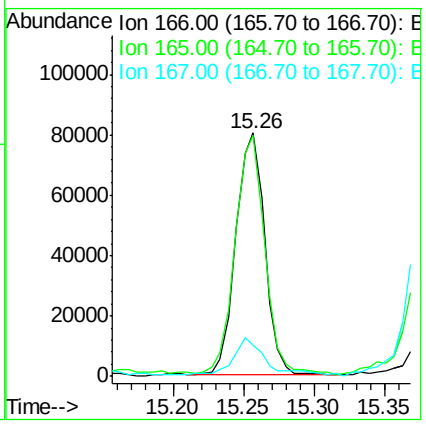


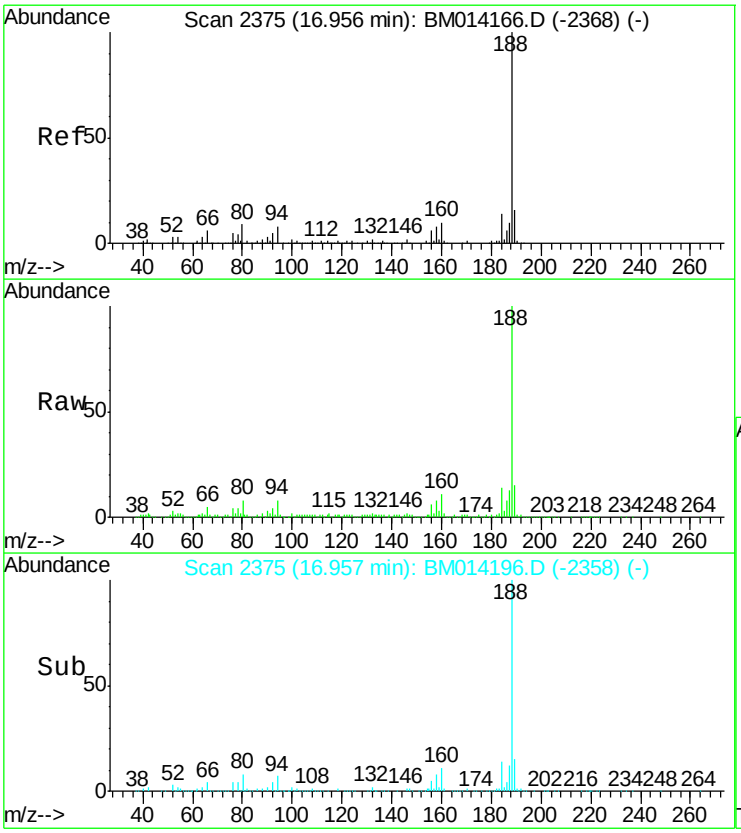
#57
Fluorene
Concen: 3.54 ng
RT: 15.26 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 115029

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.4
167	12.8	10.3	15.5

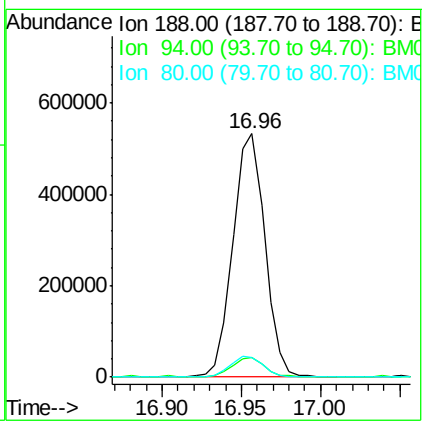


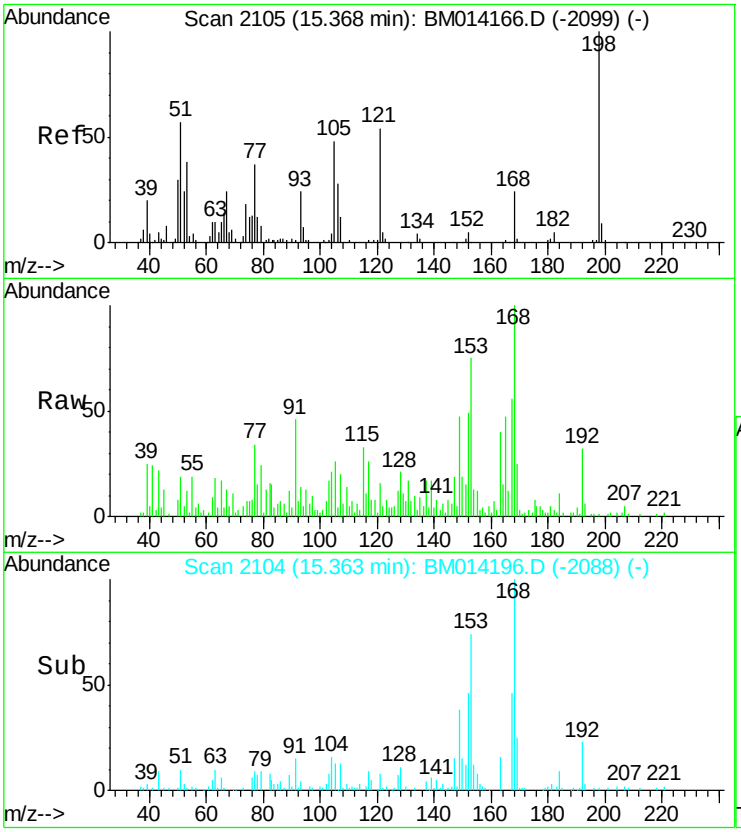


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion:188 Resp: 741307

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.7	13.1#
80	8.2	9.3	13.9#



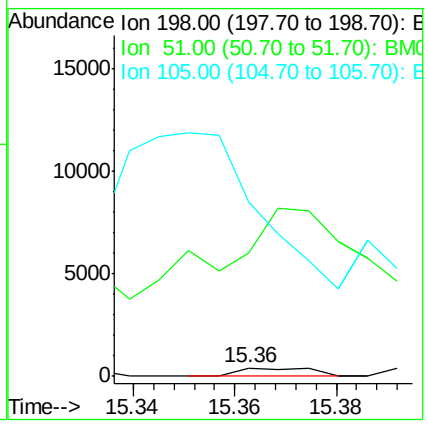


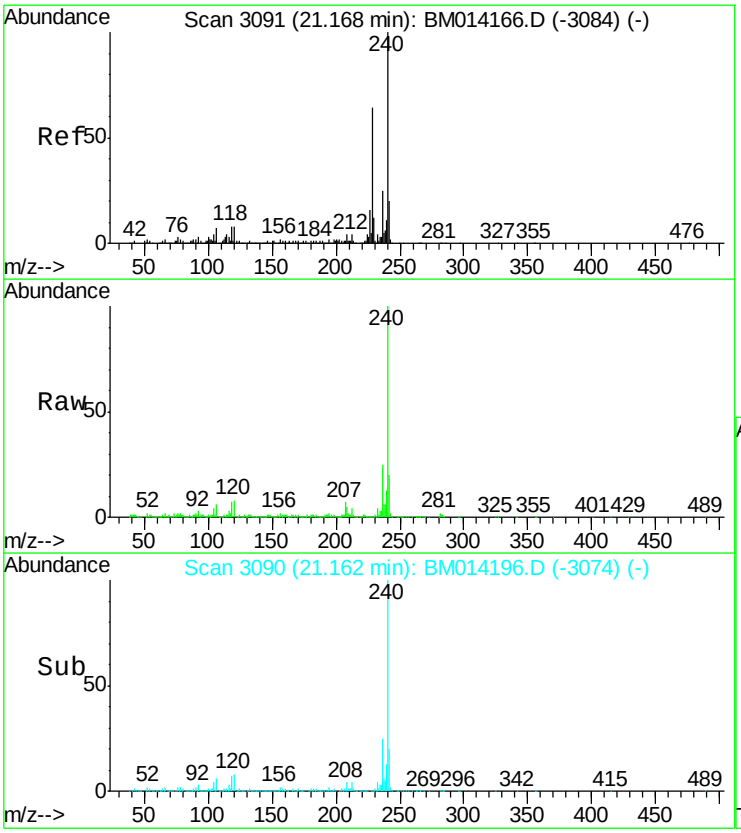
#64
4,6-Dinitro-2-methylphenol
Concen: 5.64 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:198 Resp: 401

Ion	Ratio	Lower	Upper
198	100		
51	1434.8	28.8	68.8#
105	2027.0	30.5	70.5#

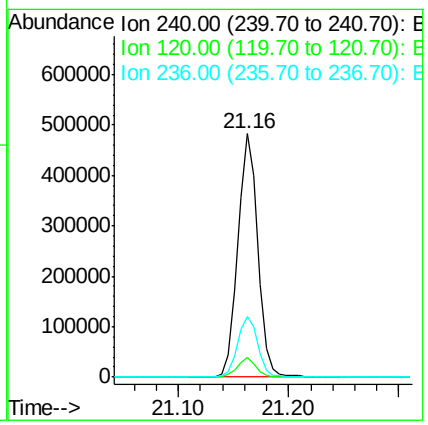


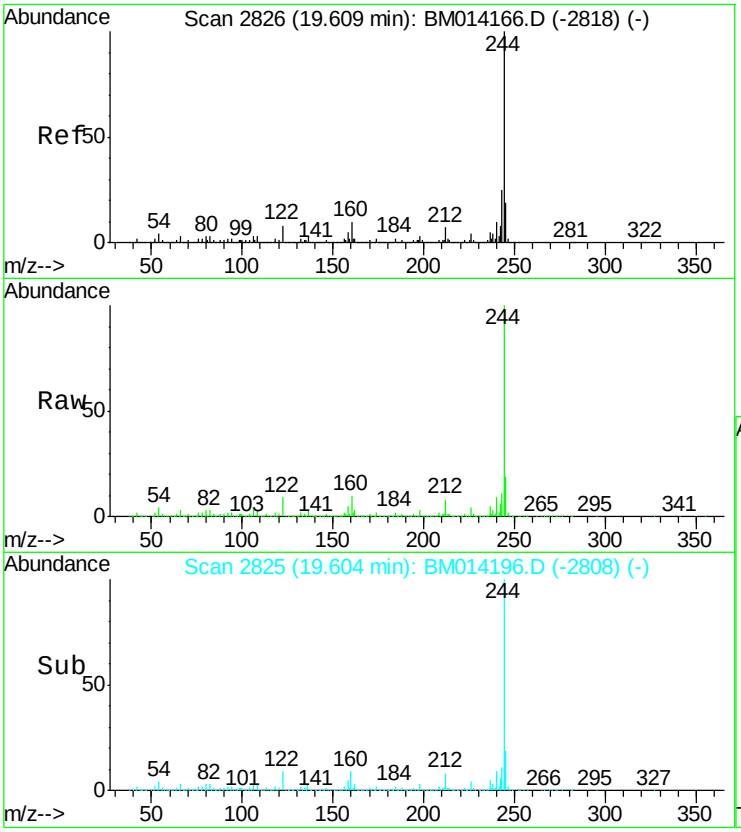


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion:240 Resp: 614504

Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.2	12.2
236	24.9	20.0	30.0



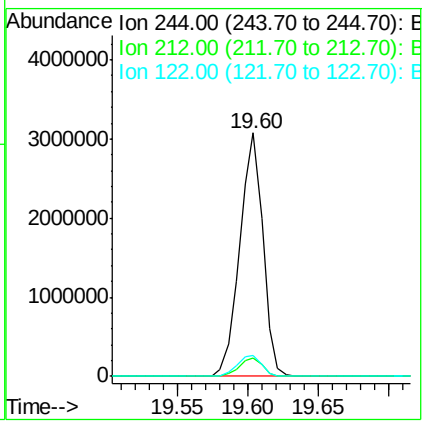


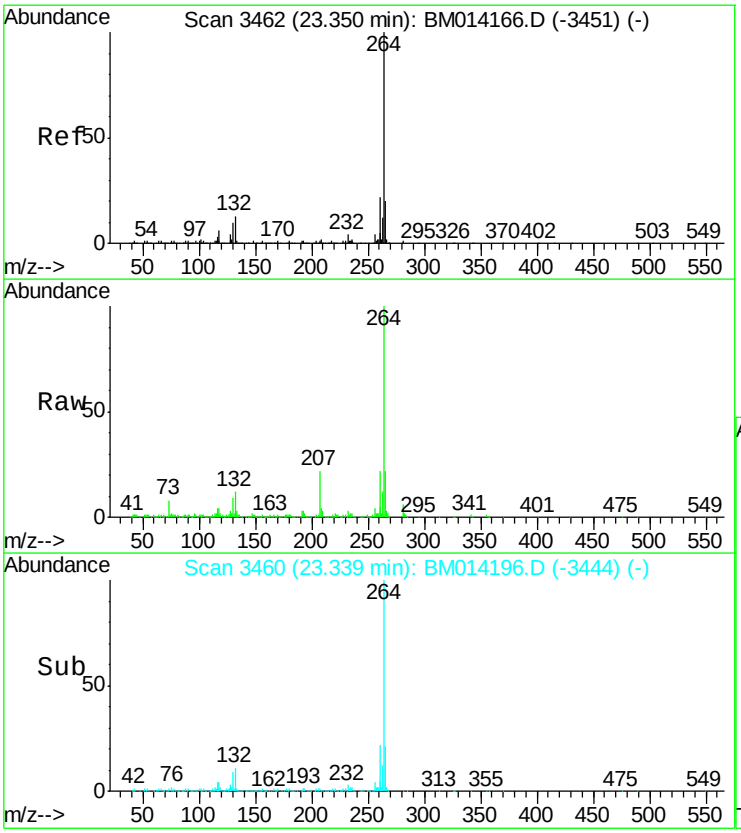
#78
Terphenyl-d14
Concen: 111.51 ng
RT: 19.60 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:244 Resp: 3506951

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	8.8	6.2	9.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM014196.D
Acq: 08 Feb 2018 16:59

Tgt Ion:264 Resp: 507068

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.6	27.8
265	22.2	17.3	25.9